

CURRICULUM VITAE

NAME: Stephen J. Chanock, M.D.

PRESENT POSITION:

Senior Investigator
Pediatric Oncology Branch, CCR, NCI
And
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EDUCATION (INCLUDING DATES AND DEGREES OBTAINED):

1978 A.B., Princeton University, Princeton, NJ

1983 M.D., Harvard Medical School, Boston, MA

**HOSPITAL TRAINING (INCLUDING DATES OF INTERNSHIPS,
RESIDENCIES, FELLOWSHIPS, ETC):**

1983-84 Intern, Pediatrics, Children's Hospital, Boston, MA

1984-86 Resident, Pediatrics, Children's Hospital, Boston, MA

1986-87 Clinical Fellow, Medicine (Infectious Diseases), Children's Hospital,
Boston, MA

1986-87 Clinical Fellow, Medicine, (Hematology/Oncology), Children's Hospital,
Boston, MA

1987-89 Research Fellow, Pediatrics, (Research Hematology), Children's Hospital,
Boston, MA

PROFESSIONAL APPOINTMENT:

1989-91 Instructor in Pediatrics, Harvard Medical School, Boston, MA

1991-01 Senior Staff Fellow, Pediatric Oncology Branch, National Cancer
Institute, National Institutes of Health, Bethesda, MD

1996-01	Tenure Track Investigator, National Cancer Institute, National Institutes of Health, Bethesda, MD
1993-98	Assistant Professor of Pediatrics, Uniformed Services, University of the Health Sciences, Bethesda, MD
1998-Pres.	Assistant Professor of Pediatrics, John Hopkins School of Medicine, Baltimore, MD
2001-Pres.	Tenured Investigator, Center for Cancer Research, National Cancer Institute, National Institutes of Health, Bethesda, MD
2001-Pres.	Director, Core Genotyping Facility at the Advanced Technology Center, National Cancer Institute, Gaithersburg, MD
2001-Pres.	Office of the Director, Division of Cancer Epidemiology and Genetics, National Cancer Institute, National Institutes of Health, Bethesda, MD

CERTIFICATION:

1987	American Board of Pediatrics
1990	Diplomat of the Subsection Pediatric Hematology/Oncology Re-certified 1996
1994	Diplomat of the Subsection Pediatric Infectious Diseases Re-certified 2001

LICENSURE(S):

1986	Massachusetts, #56661
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PROFESSIONAL ACTIVITIES/COMMITTEES:

Massachusetts Medical Society
 American Academy for the Advancement of Science
 American Academy of Pediatrics
 American Association for Cancer Research
 American Society of Hematology
 American Society of Microbiology
 American Federation for Clinical Research
 Infectious Disease Society of America

International Immunocompromised Host Society
Pediatric Infectious Disease Society
Society for Pediatric Research

EDITORIAL REVIEWS:

Editorial Board:
Briefings in Functional Genomics and Proteomics
Human Mutation (contributing editor)
Genes and Immunity (contributing editor)

Reviewer for:
American Journal of Hematology
American Journal of Medicine
American Journal of Pediatrics
Hematology/Oncology
Antimicrobial Agents and Chemotherapy
Blood
Biochemica
Biochemistry Journal
Cancer Research
Cell Death and Differentiation
European Journal of Hematology
Clinical Infectious Diseases
Genes and Immunity
Genomics
Human Mutation
Journal of Clinical Investigation
Journal of Biological Chemistry
Journal of Immunology
Journal of Infectious Diseases
Journal of Leukocyte Biology
Journal of Pediatrics
Medical and Pediatric Oncology
Nature
New England Journal of Medicine
Pediatrics
Pediatric Infectious Disease Journal
Proceedings of the National Academy of Sciences, U.S.A.

AWARDS AND HONORS:

1981 Teaching Fellow, Department of Microbiology, Harvard Medical School

1986-87	Section Leader, Clinical Review of Infectious Diseases, Harvard Medical School
1986-91	Clinical Tutor, Introduction to Clinical Medicine, Harvard Medical School
1986-91	Lecturer, Harvard Medical School Curriculum
1988-91	Section Leader, New Pathway Curriculum for Women and Children, Harvard Medical School
1986-91	Lecturer, Harvard Medical School, Post-Graduate Courses
1986	Teaching Award, Children's Hospital, Boston, MA
1989	William Guy Forbeck Oncologist-in-Training Award, William Guy Forbeck Foundation, Hilton Head, SC
1989-91	Faculty Development Award, Immune Deficiency Society Cutter Biologic Award
1992	Young Investigator's Award, Immunocompromised Host Society
1996	Visiting Professor, Universiti Studi di Catania, Italy
2000	The William C. and Ruth P. Griffith Visiting Professor, James Whitcomb Riley Hospital for Children, Indianapolis, IN
2000	Outside Reviewer and Consultant, The Human Genetics Working Group of the National Centers for Infectious Diseases, Center for Disease Control and Prevention, Atlanta, GA
2001	Special Guest Expert, BRMAC, Food and Drug Administration, Bethesda, MD

PRINCIPAL CLINICAL, HOSPITAL, AND NIH SERVICE RESPONSIBILITIES:

1983-91	Pediatric Group Associates, Children's Hospital, Boston, MA
1986-91	Infectious Disease/HIV Clinic, Children's Hospital, Boston, MA
1986-91	Pediatric Hematology Clinic, Children's Hospital, Boston, MA
1986-91	Pediatric Oncology Clinic, Dana Farber Cancer Institute, Boston, MA
1983-85	Residency Training Committee, Children's Hospital, Boston, MA

1985-91	AIDS Management Committee, Children's Hospital, Boston, MA
1985-87	Infection Control Committee, Children's Hospital, Boston, MA
1991-99	Physician/Nurse Committee, Clinical Center, National Institutes of Health, Bethesda, MD
1993-99	Coordinator of Weekly Pediatric Staging Conference, Pediatric Branch, National Cancer Institute, Bethesda, MD
1995-98	Chairperson, Physician/Nurse Committee, Clinical Center, National Institutes of Health, Bethesda, MD
1995-96	Member, Task Force on Mentoring, National Cancer Institute, Bethesda, MD
1991	Pediatric Oncology Attending, National Cancer Institute, Bethesda, MD
1991	Infectious Disease Consultant, Clinical Center, National Institutes of Health, Bethesda, MD
1996	Member of Training/Career Development Committee, Clinical Center, National Institutes of Health
1996	Medical Director, Camp Fantastic, Joint Venture of National Cancer Institute and Special Love, Inc.
1997	Member, Steering Committee for Advanced Technology Consortium, DCS, NCI, NIH
1998	Pediatric Governance Committee, Clinical Center, NIH
1998	Steering Committee, Cancer Genome Anatomy Project, NCI, NIH
1998	Steering Committee, Genetic Annotation Initiative of the Cancer Genome Anatomy Project, NCI
1999-03	NIH Biosafety Committee
2000-02	Intramural Advisory Board, NCI
2001	Genotyping/Repository Committee, DCEG, NCI, NIH
2001	Co-Chair, Steering Committee for Genetics, Genomics and Proteomics Faculty, CCR, NCI

- 2001 Genomics Steering Committee, Cohort Consortium
- 2003- Institutional Review Board, NCI

MEETINGS ORGANIZED

- 6/98 Scientific Organizing Committee for Fourth International Marrow Transplantation in Children, Palm Beach, FL
- 4/02 Scientific Organizing Committee, Functional Genomics of Critical Care, Bethesda, MD
- 9/03 Scientific Organizing Committee, AACR Special Conference in Cancer Research, SNPs, Haplotypes and Cancer: Applications in Molecular Epidemiology
- 11/03 Chair of Organizing Committee for Sixth International SNP and Complex Disease Meeting: SNP2003, Chantilly, VA

INVITED LECTURES:

- 01/92 Invited Speaker, Royal Society of Anthropology Conference on Children in Crisis, Cambridge, England
- 03/92 Pediatric Grand Rounds, New York University Hospital, New York
- 09/92 Invited Speaker, Fields Seminar, Harvard Medical School, Boston, MA
- 02/94 Keynote Speaker, Ninth Congress of Mexican Oncology Society, Aguascalientes, Mexico
- 03/94 Invited Speaker and Chair of Supportive Care Session, International Marrow Transplantation in Children, Palm Beach, FL
- 05/94 Invited Speaker, Section V Plenary Session, American Society of Microbiology, Las Vegas, NV
- 05/94 Immunology Seminar, Children's hospital of Los Angeles, Los Angeles, CA
- 06/94 Grand Rounds, University Hospital, Lille, France
- 06/94 Grand Rounds, Hospital St. Louis, Paris, France
- 07/94 Pediatric Grand Rounds, Denver Children's Hospital, Denver, CO

07/94	Pediatric Hematology/Oncology Research Seminar, Denver, CO
10/94	Invited Speaker, Satellite Symposium, International Conference on Antimicrobial and Chemotherapeutic Agents, Orlando, FL
12/94	Invited Speaker, Antifungal Symposium-Super Friday, American Society of Hematology, Nashville, TN
03/95	Invited Speaker, International Congress on Infections in Solid Transplantation, Tucson, AR
03/95	Immunology Seminar, All Children's Hospital, St. Petersburg, FL
05/95	Invited Speaker, Section V Plenary Session, American Society of Microbiology, Washington, DC
06/95	Invited Speaker and Chair of Supportive Care Session, Second International Marrow Transplantation in Children, Palm Beach, FL
08/95	Invited Speaker, Plenary Session, European Society of Pediatric Hematology and Immunology, Bingen, Germany
11/95	Invited Speaker, Swedish Society of Oncology, Stockholm, Sweden
11/95	Invited Speaker, Pediatric Oncology Seminar, Karolinska Institute, Stockholm, Sweden
11/95	Pediatric Grand Rounds, Karolinska Institute, Stockholm, Sweden
06/96	Invited Speaker, Fungal Diagnostic Symposium, International Immunocompromised Host Society, Assisi, Italy
06/96	Invited Speaker, Society of Immunocompromised Hosts, Rome, Italy
06/96	Visiting Professor Lecture, Universiti Studi di Catania, Italy
06/96	Invited Lecture, University Hospital, Palermo, Italy
09/96	Invited Speaker, Society International of Pediatric Oncology, Vienna, Austria
11/96	Invited Speaker, Pediatric Hematology Oncology Research Conference, Texas Children's Hospital, Houston, TX
12/96	Invited Speaker for Plenary Session I, International Congress of Pediatric

Infectious Diseases, Acapulco, Mexico

- 01/97 Invited Speaker and Chair of Supportive Care Session, Third International Marrow Transplantation in Children, Palm Beach, FL
- 03/97 Pediatric Grand Rounds, Miami Children's Hospital, Miami, FL
- 10/97 Invited Speaker, Hematology Seminar, John Hopkins School of Medicine, Baltimore, MD
- 11/97 Pediatric Hematology/Oncology Seminar, Indiana University
- 12/97 Invited Speaker, Antifungal Symposium-Super Friday, American Society of Hematology, San Diego, CA
- 03/98 University Professorship Lectures (5 in total), Universiti Studi di Catania, Italy
- 05/98 Immunology Seminar, CRB, Red Cross, Amsterdam, The Netherlands
- 05/98 Keynote Speaker, Society of Pediatric Hematology/Oncology of Portugal and Spain, Villamoura, Portugal
- 06/98 Invited Speaker and Chair of Supportive Care Session, Fourth International Marrow Transplantation in Children, Palm Beach, FL
- 10/98 Infectious Disease Seminar, Memorial Sloan Kettering Cancer Center, New York, NY
- 11/98 Immunology Series, Harvard School of Public Health, Boston, MA
- 12/98 Invited Speaker, Antifungal Symposium- Super Friday, American Society of Hematology, Miami Beach, FL
- 04/99 Molecular Medicine Lectures, University College, London, England
- 04/99 Invited Speaker, COALL Investigator's Meeting, Hamburg, Germany
- 04/99 Invited Speaker and Chair of Supportive Care Session, Viral Infections in Marrow Transplantation in Children, Wilmington, DE
- 10/99 Invited Speaker, Immunology Retreat, NCI, Airlie House, VA
- 11/99 Invited Speaker, Educational Session, American Society of Clinical Oncology, San Francisco, CA

12/99	Invited Speaker, Scientific Subcommittee on Pediatric Hematology, American Society of Hematology, New Orleans, LA
02/00	Invited Speaker and Chair of Supportive Care Session, Fifth International Marrow Transplantation in Children, Hilton Head, SC
03/00	Invited Speaker, Banbury Conference on Molecular Biology of Oxidative Stress, Cold Spring Harbor, NY
05/00	The William C. and Ruth P. Griffith Visiting Lectureship, Riley Children's Indianapolis, IN
05/00	Invited Speaker, Grand Rounds, Riley Children's Hospital, Indianapolis, IN
05/00	Inaugural Nemours Research Program Lectureship, Dupont Children's Hospital, Wilmington, DE
06/00	CDC Lectureship on Human Immunogenetics, Atlanta, GA
10/00	Plenary Speaker, Korean Pediatric Society, Seoul, Korea
03/01	Plenary Speaker, Japanese-Singapore Genomics Society, Singapore
03/01	Plenary Symposium Speaker, American Association for Cancer Research, New Orleans, LA
03/01	Plenary Speaker, Genomics 2001, Harvard University, Boston, MA
07/01	Queens Research Lecture, Queens University of Belfast, Belfast, UK
09/01	Plenary Speaker, Future of Genomics and Proteomics, MITRE, McLean, VA
09/01	Plenary Symposium Speaker, 41 st Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL
10/01	Plenary Speaker, Chips-to-Hits Symposium-IBC, Sand Diego, CA
11/01	Plenary Speaker, Radiation Sensitivity, Cancer Susceptibility, and DNA Repair Polymorphism Workshop
11/01	Plenary Speaker, International Consortium for Lymphoma Epidemiological studies (InterLymph), Bethesda, MD
11/01	Invited Speaker and Chair of Supportive Care Session, Sixth International

	Marrow Transplantation in Children, St Augustine, FL
01/02	Plenary Speaker, Personalized Medicine, San Francisco, CA
02/02	Research Seminar, Children's Hospital of Philadelphia, Philadelphia, PA
03/02	Plenary Speaker, Gene-Environment Interactions in the Etiology of Childhood Cancer, Bethesda, MD
03/02	Plenary Speaker, Epidemiological Approaches to Testing the Population Mixing Hypothesis for Childhood Leukemia, Bethesda, MD
04/02	Plenary Speaker, Functional Genomics of Critical Care, Bethesda, MD
04/02	Plenary Speaker, Educational Session, American Association for Cancer Research, San Francisco, CA
05/02	Plenary Speaker, Society for Pediatric Research, Baltimore, MD
05/02	Plenary Speaker, Applying New Biotechnology to the Study of Occupational Cancer, Washington, D.C.
06/02	Plenary Speaker, RSV Workshop, NIAID Extramural, Bethesda, MD
09/02	Workshop Speaker, ASCO-NCI Molecular Oncology for the Clinical Oncologist, Chicago, IL
10/02	Plenary Speaker, SNP2002 Meeting, Reykjavik, Iceland
10/02	Research Seminar, IARC, Lyon, France
10/02	Plenary Speaker, European Society for Immunodeficiencies, Weimar, Germany
11/02	Board of Scientific Councilors, NCI, Bethesda, MD
12/02	National Cancer Advisory Board, NCI, Bethesda, MD
02/03	Invited Speaker, International Workshop: Studies of the Etiology of Brain Cancer, Rockville, MD
02/03	Invited Speaker, Genomic and Proteomic Technological Advances in Cancer Research, Bethesda, MD
03/03	Invited Speaker, CME Conference, Maui, Hawaii

04/03	Invited Speaker, Pulmonary Grand Rounds, Columbia University, New York, NY
05/03	Invited Speaker, Microbiology Seminar, New York, NY
05/03	Invited Speaker, Hematopoiesis and Immunology Society, Baltimore, MD
05/03	Invited Speaker, Cohort Consortium, Cambridge, MA
05/03	Invited Speaker, CGH Workshop, NCI, NIH
05/03	Invited Speaker, ASPH/O 16 th Annual Meeting, Seattle, WA
06/03	Invited Speaker, CDC, Atlanta, GA
06/03	Invited Speaker, Tromso Symposium 2003-Targeted Cancer Therapies, Oslo, Norway
09/03	Invited Speaker, AACR Special Conference in Cancer Research, SNPs, Haplotypes and Cancer: Applications in Molecular Epidemiology
09/03	Plenary Speaker, International Workshop on Childhood ITP, Lucerne, Switzerland
09/03	Plenary Speaker, Northern Ireland Cancer Research Meeting, Belfast, Northern Ireland
09/03	Invited Speaker, American Association for Cancer Research, Key Biscayne, FL
09/03	Invited Speaker, 15 th International Genome Sequencing and Analysis Conference, Savannah, GA
10/03	Symposium Speaker, NIH Research Festival, Bethesda, MD
10/03	Invited Speaker, St. Jude's Children's Research Hospital, Memphis, TN
10/03	Invited Speaker, AACCC Cool Tools Conference Talk, Baltimore, MD
11/03	Invited Speaker, Symposium on the Functional Genomics of Critical Illness and Injury, NIH, Bethesda, MD
11/03	Plenary Speaker, Sixth International SNP and Complex Disease Meeting:SNP2003, Chantilly, VA
12/03	Invited Speaker, Linking Haplotypes and Genetic Variation With Cancer

Risk Assessment, Prevention, Detection, and Treatment, NCI, Bethesda, MD

- 02/04 Invited Speaker, Strategies to Select Haplotypes: The Importance of Resequencing Analysis for the Candidate Gene Approach, First International Symposium of The Korean Association of Human Genomic Research Centers, Seoul, Korea
- 03/04 Invited Speaker, High-throughput Genotyping in the National Cancer Institute Core Facility. American Association for Cancer Research 2004 Annual Meeting, Orlando, FL
- 03/04 Invited Speaker, SNP500 and Cancer Pharmacogenetics. American Association for Cancer Research 2004 Annual Meeting, Orlando, FL

JOURNAL ARTICLES:

1. Chanock SJ, Wenske EA, and Fields BN. Human Rotaviruses and Genome RNA. *J Infect Dis* 148: 49-51, 1983.
2. Wenske EA, Chanock SJ, Krata L., and Fields BN. Genetic Reassortment of Mammalian Reoviruses in Mice. *J Virology* 56: 613-617, 1985.
3. Lipschultz SE, Chanock SJ, Sanders SP, Colan SD, Perez-Atayde A, and McIntosh, K. Cardiac Manifestations of Human Immunodeficiency Virus Infection in Children. *Amer J Card.* 63: 1491, 1989.
4. Chanock SJ, and McIntosh K. Selected Issues in Pediatric Infection with the Human Immunodeficiency Virus. *Curr Opin in Pediatr.* 1: 1, 1989.
5. Chanock SJ, and McIntosh K. Pediatric Infection with the Human Immunodeficiency Virus: Issues for The Otorhinolaryngologists. *North American Clinics Otolaryngology* 22: 637, 1990.
6. Karthas NP and Chanock SJ. Clinical Management of HIV Infection in Infants and Children. *Family and Community Health* 13:8, 1990.
7. Chanock SJ, and McIntosh K. Selected Topics in Pediatric Infection with the Human Immunodeficiency Virus. *Curr Opin in Ped*, 3:47, 1991.
8. Nakamura S, Vawter G, Sallan SE, and Chanock SJ. Fatal Esophageal Aspergilloma in a Leukemic Adolescent. *J Ped Infect Dis*, 11:245-247, 1992.

9. Hirschfeld S, and Chanock SJ. Selected Issues in Human Immunodeficiency Virus Infection in Adolescents. *Curr Opinions in Ped* 4:599-606, 1992.
10. Chanock SJ, Faust LR, Barrett D, Bizal C, Newburger PE, Ruedi JM, Smith RM, and Babior BM. O₂-production by B-lymphocytes Lacking the Respiratory Burst Oxidase Subunit p47-phox After Transfection with an Expression Vector Containing a p47-phox cDNA. *Proc Natl Acad Sci (USA)* 89:10174-10177, 1992.
11. Wilson C, Toltzis P, and Chanock SJ. Cross Reactivity Between Stomatococcus Mucilaginosus and Latex Agglutination for Cryptococcal Antigen. *Lancet* 342:1119-1120, 1993.
12. Chanock SJ. Evolving Risk Factors for the Infectious Complications of Cancer Therapy. *Hematology/Oncology Clinics of North America*, 7:771-794, 1993.
13. Simonds RJ and Chanock SJ. Medical Issues Related to Caring for HIV-Infected Children In and Out of the Home. *J Pediatric Infect Dis* 12:845-852, 1993.
14. Zhen L, King AJ, Xiao Y, Chanock SJ, Orkin SH, and Dinanuer MC. Gene Targeting of X-linked Chronic Granulomatous Disease Locus in a Human Myeloid Leukemia Cell Line. *Proc Natl Acad Sci (USA)* 90:9832-9836, 1993.
15. Park J-W, Benna JE, Scott KE, Christensen BL, Chanock SJ and Babior BM. Isolation of a Complex of Respiratory Burst Oxidase Components From Resting Neutrophil Cytosol. *Biochemistry* 33:2907-2911, 1994.
16. Chanock SJ, Lipschultz S, Luginbuhl L., McIntosh K. and Lipschultz S. Severe Life-Threatening Reaction to Trimethoprim-Sulfamethoxazole in Two Children Infected With The Human Immunodeficiency Virus. *Pediatrics* 93:519-521, 1994.
17. Chanock SJ, El Benna J, and Babior BM. The phagocyte Respiratory Burst Oxidase. *J Biol Chem* 269: 24519, 1994.
18. Chanock SJ and Freifeld A. The Use of Cytokines in Fever and Neutropenia. *Int J of Pediatric Hematology/Oncology* 2: 173-183, 1995.
19. Chanock SJ, and Pizzo PA. Infection Prevention Strategies for Children with Cancer and AIDS: Contrasting dilemmas. *J Hosp Infect*, 30: S197-208, 1995.

20. Williams AO, Chanock SJ, and Flanders C. TGF-beta Isoforms and Leprosy: Immunohistochemical studies. *Cell Vision* 2: 363-372, 1995.
21. Roilides E, Sein T, Holmes A, Chanock S, Blake C, Pizzo PA, Walsh TJ. Effects of Macrophage Colony-Stimulating Factor on Antifungal Activity of Mononuclear Phagocytes Against *Aspergillus fumigatus*. *J Infect Dis* 172:1028-1034, 1995.
22. Walsh TJ, Francesconli A, Kasai M, Pizzo PA, and Chanock SJ. Single Strand Conformational Polymorphism (SSCP) for Recognition and Distinction of Medically Important Opportunistic Fungi. *J Clin Micro* 33:3216-3220, 1995.
23. Faust LR, El Benna J, Babior BM and Chanock SJ. The Phosphorylation Targets of p47-phox, A Subunit of the Respiratory Burst Oxidase. Functions of The Individual Target Serines as Evaluated by Site-Directed Mutagenesis. *J Clin Invest* 96:1499-1505, 1995.
24. Chanock SJ, Faust LR, Christensen BL, Newburger PE, and Babior BM. Partial Reconstitution of The Respiratory Burst Oxidase in Lymphoblastoid B Cell Lines Lacking p67-phox Following Stable Transfection with an Expression Vector Containing Wild Type and Mutant p67-phox cDNA. *Exp Hemat* 24:531-536, 1996.
25. Roilides E, Lyman C, Mertins SM, Coles D, Venzon D, Pizzo PA, Chanock SJ and Walsh TW. Ex Vivo Effects of Macrophage Colony-Stimulating Factor on Human Monocytes. *Cytokine* 8:42-48, 1996.
26. Zhan S, Vazquez N, Zhan S, Wientjes FB, Budarf ML, Schrock E, Ried T, Green ED, Chanock SJ. Genomic Structure, Chromosomal Localization, Start of Transcription, and Tissue Expression of The Human p40-phox, a New Component of The Nicotinamide Adenine Dinucleotide Phosphate-Oxidase Complex. *Blood* 88:2714-2721, 1996.
27. Chanock SJ and Gorlin J. Granulocyte Transfusions in the Neutropenic Host: is it Time For a Second Look? *Infectious Disease Clinics of N America* 10:327-343 1996.
28. Chanock SJ and Walsh TJ. Evolving Concepts of Prevention and Treatment of Invasive Fungal Infections in Pediatric Bone Marrow Transplant Recipients. *Bone Marrow Transplantation*, 18 (S3); S15-S20, 1996.
29. Chanock SJ and Pizzo PA. Fever in The Neutropenic Host. *Infect Dis Clin N Amer*. 10:777-796, 1996.

30. Walsh TJ, Kasai M, Francesconi A, Landesman D and Chanock SJ. *Candida Albicans* Possesses Genes That Share Homology with The ATP-Binding Cassette of Human MDR P-glycoprotein. *J Med Vet Mycology* 35:133-137, 1997.
31. Zhan S, Kozak C, Ahan S and Chanock SJ. Cloning and Chromosomal Localization of The Mouse Homologue of p40-phox, *Ncf4*. *Immunogenetics* 45:217-219, 1997.
32. Xu X, Wang Y, Barry DC, Chanock SJ and Bokosh GM. Guanine Nucleotide Binding Properties of Rac2 Mutant Proteins and Analysis of Responsiveness to Guanine Nucleotide Dissociation Stimulator. *Biochemistry* 36:626-632, 1997.
33. Chanock SJ and Pizzo PA. Infectious Complications of Patients Undergoing Therapy for Acute Leukemia: Current Status and Future Prospects. *Seminars Oncol* 24:132-140, 1997.
34. Chanock SJ, and Gorlin JB. Infections in Oncology: Granulocyte Transfusions. *Proc J HL Moffitt Cancer Center*. 4:66-77, 1997.
35. Chanock SJ. The Use of Antimicrobial Agents in The Treatment of Bacterial and Fungal Infections in Children with Cancer. *Int J Pediatr Hemat Oncol*, 4:459-472, 1997.
36. Chanock SJ and Walsh TJ. Molecular Diagnosis of *Candida*: Current Status and Future Prospects. *Int J Infect Dis* 1S:S20-S24, 1997.
37. Walsh TJ and Chanock SJ. Laboratory Diagnosis of Invasive *Candida*: Rationale for Non-culture Based Detection System. *Int J Infect Dis* 1S:S11-S19, 1997.
38. Lehrnbecher TL, Foster C, Vazquez N, Mackall C and Chanock SJ. Alterations in Immune Function of Children Undergoing Therapy for Cancer. *Am J Pediatr Hematol/Oncol* 19:399-417, 1997.
39. Goerlach A, Lee P, Christensen BL, Barrett DM, Roessler J, Chanock SJ and Curnutte J. The p47-phox Gene has a Pseudogene Carrying The Most Common Mutation For p47-phox Deficient Chronic Granulomatous Disease. *J Clin Invest* 100:1907-1918, 1997.
40. Wang Y, Russo TR, Chanock SJ, Rumsey S, and Levine M. Recycling of Ascorbate in Human Neutrophils Induced by Bacteria. *Proc Nation Academy Sciences, USA* 94:13816-13819, 1997.
41. Segal BH, Engler HD, Little R, Wilson WH, Freifeld AG and Chanock SJ.

Early Foscarnet Failure in Herpes Simplex Virus Infection in a Patient With AIDS. *AIDS* 11:552-553, 1997.

42. Walsh TJ, Whitcomb T, Piscitelli S, Figg WD, Hill S, Chanock SJ, Jarosinski P, Gupta R, de Alacron P and Pizzo PA. Safety Tolerance, and Pharmacokinetics of Amphotericin B Lipid Complex in Children With Hepatosplenic Candidiasis. *Antimicro Agent Chemother* 41:1944-1948, 1997.
43. Vazquez N, Walsh TJ, Friedman D, Chanock SJ and Lyman C. Effects of Interleukin 15 on Human Monocytes and Polymorphonuclear Leukocyte Function. *Infect Immunity*, 66:145-150, 1998.
44. Lehrnbecher T and Chanock SJ. Controversies in the Treatment of Neutropenia: Lessons Learned From The Experience in Cancer Patients. *Curr Opinions in Hematology*. 5:25-32, 1998.
45. Müller F-M, Werner K, Kasai M, Francesconi A, Chanock SJ and Walsh TJ. Rapid Genomic DNA Extraction From Yeasts and Filamentous Fungi by High-Speed Cell Disruption. *J Clin Microbiol*, 36:1625-1629, 1998.
46. Roilides E, Sein T, Schaufele, Chanock SJ, and Walsh TJ. Increased Serum Concentrations of Interleukin-10 in Patients with Hepatosplenic Candidiasis. *J Infect Disease*, 178:589-592, 1998.
47. Walsh TJ, Yeldandi V, McEvy M, Gonzalez C, Chanock SJ, Freifeld A, Seibel NI, Jarosinski P, Boswell G, Bekersky I, Alak A, Buell D, Barret and Wilson W. Safety, Tolerance and Pharmacokinetics of a Small Unilamellar Liposomal Formulation of Amphotericin B (AmBisome) in Neutropenic Patients. *Antimicro Agent Chemother*, 42:2391-2398, 1998.
48. Pagano PJ, Chanock SJ, Siwik DA and Clark JK. Angiotensin II-Induced NADPH-Oxidase Superoxide Generation in Rabbit Aortic Fibroblasts. *Hypertension*, 32:331-337, 1998.
49. Kontnoy HU, Lehrnbecher TM, Chanock SJ and Mackall CL. Simultaneous Expression of Fas and Non-Functional Fas Ligand in Ewing's Sarcoma. *Cancer Research*, 58:5842-5849, 1998.
50. Hiraoka W, Vazquez N, Nieves-Neira W, Chanock SJ and Pommier Y. Role of Oxygen Radicals Generated by NADPH Oxidase in Apoptosis Induced in Human Leukemia Cells. *J Clin Invest*, 102:1961-1968, 1998.
51. Foster CB, Lehrnbecher T, Mol F, Steinberg S, Venzon D, Walsh T, Noack D, Rae J, Winkelstein J, Curnutte JT and Chanock SJ. Polymorphisms in Host Defense Molecules Influence the Risk for

- Immune-Mediated Complications in Chronic Granulomatous Disease. *J Clin Invest*, 102:2146-2155, 1998.
52. Lehrnbecher T, Groll A and Chanock SJ. Pediatric Use of Antifungal Therapy. *Current Opinions in Pediatr* 10:47-55,1999.
 53. Gilles PN, Wu DJ, Foster CB, Dillon PJ and Chanock SJ. Single Nucleotide Polymorphic (SNP) Discrimination by an Electronic Dot Blot Assay on Semiconductor Microchips. *Nature Biotechnology*, 17:365-370, 1999.
 54. Foster C and Chanock SJ. Adenovirus in Marrow Transplant Recipients. *Cancer Res Therapy Control* 9:147-158, 1999.
 55. Chanock SJ. Risk Factors for Infection in Cancer Patients. *Amer Soc Clin Oncol 1999 Fall Education Book*, 169-175, 1999.
 56. Walsh TJ, Seibel NL, Arndt C, Harris R, Silber JL, DiNubile MJ, Reboli A and Chanock SJ. Amphotericin B Lipid Complex in Pediatric Patients with Invasive Fungal Infections. *J Pediatr Infect Dis*, 18:72-708, 1999.
 57. Lehrnbecher T, Venzon D, Haas M, Chanock SJ and Kuhl J. Assessment of Measuring Circulating Levels of Interleukin-6, Interleukinn-8, C-Reactive Protein, Soluble FC Gamma Receptor Type III, and Mannose Binding Protein in Febrile Children With Cancer and Neutropenia. *Clin Infect Dis*, 29:414-419, 1999.
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MISCELLANEOUS:

Advisor and Contributor to Mobilizing Against AIDS, second edition, ed. E. Nichols. National Academy of Sciences, Washington, D.C. 1989

"Neonatal AIDS" An educational film for health care workers. Polymorph Production, Cambridge, Ma. 1987.

Participant on Angel Flight to Latvia, US Department of Defense, November 1992.

Advisor for Project Hope- Ukrainian Immunization and Universal Precautions Project, 1994-1995

Medical Director, Camp Fantastic, NIH/Special Love, Inc. 1996.

Clinical Advisor, Special Love, Inc. 1997.

Board Member, Special Love, Inc. 1999.

Director of Scientific Review Council, Hope Street Kids, Inc. 2000.

WEBSITES CREATED:

SNP500Cancer- <http://snp500cancer.nci.nih.gov>

Core Genotyping Facility: <http://cgf.nci.nih.gov>

Cancer Genome Anatomy Project-Cancer Gene List, version 1.0:
<http://lpg.nci.nih.gov/html-cgap/cgl/>

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